

THE NATIONAL BRICK RESEARCH CENTER

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Results of Tests on Brick conducted in accordance with ASTM C67-07 Standard Method for Sampling and Testing

Brick and Structural Clay Tile

07/31/2009



COMPANY INFORMATION	
Name:	The Belden Brick Company P. O. Box 430 475 Dover Road, NW Sugarcreek, OH 44681
Plant:	The Belden Brick Company
Sample:	Sandmold
Report #:	BBC-0077
Lot:	Product Code:



	1	2	3	4	5	Average	Test Date
Absorption							
24 Hour Submersion in Cold Water (%)	3.67	3.74	4.35	3.44	2.74	3.59	07/14/2009
5 Hour Submersion in Boiling Water (%)	5.25	4.83	6.68	4.93	4.45	5.23	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.70	0.77	0.65	0.70	0.62	0.69	
Compressive Strength							
psi	18,511	17,299	14,764	17,402	17,634	17,122	07/30/2009
MPa	127.6	119.3	101.8	120.0	121.6	118	
Efflorescence							
	Not effloresced	Not effloresced	Not effloresced	Not effloresced	Not effloresced		07/27/2009
IRA							
g/min	4.91	4.54	6.58	5.63	6.09	5.55	07/20/2009
Abrasion Resistance							
	0.02	0.02	0.03	0.02	0.02	0.02	07/20/2009

The brick represented by the test results shown here comply with the standards listed below:

ASTM C 216 - 07 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW

ASTM C 902 - 07 Standard Specification for Pedestrian and Light Traffic Paving Brick
Class: SX, MX, NX with **Molded Brick Alternate 4.1.4**

Type: I

CERTIFICATION	
 Denis Brosnan, Director	 Jim Frederic, Associate Director